

Title (en)
Biosensor and method for quantitating biochemical substrate using the same

Title (de)
Biosensor und Verfahren zur quantitativen Analyse von biochemischen Substraten

Title (fr)
Biocapteur et procédé pour la mesure quantitative de substrats biochimiques

Publication
EP 0795748 B1 20020814 (EN)

Application
EP 97103966 A 19970310

Priority
JP 5459496 A 19960312

Abstract (en)
[origin: EP0795748A1] A biosensor includes: an insulating substrate; an electrode system formed on the insulating substrate which has a working electrode and a counter electrode; and a reaction layer formed on the insulating substrate which contains an oxidoreductase and an electron acceptor. The electron acceptor is ferricinium ion derived from ferrocene electrolyte.

IPC 1-7
G01N 27/327; C12Q 1/00

IPC 8 full level
C12Q 1/00 (2006.01)

CPC (source: EP US)
C12Q 1/004 (2013.01 - EP US); **Y10S 435/817** (2013.01 - EP US)

Cited by
CN101918584A; EP0877244A1; EP3156790A1; US9820684B2; WO2008152380A3; US9795334B2; US9907502B2; US9724021B2; US9839386B2; USRE44521E; USRE45384E; US9795747B2; US9802007B2; US8137529B2; US8388827B2; US8702961B2; US9377430B2; US9694144B2; US9937298B2; US10034628B2; EP1074832B2

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DOCDB simple family (application)
EP 97103966 A 19970310; CA 2199657 A 19970311; DE 69714630 T 19970310; US 23232099 A 19990118; US 81260297 A 19970307